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WATER SUPPLY OUTLOOK FOR UTAH



CLARK COUNTY RECORDS
JUN 24 1976
CLARK COUNTY RECORDS

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

**UTAH STATE DEPARTMENT OF NATURAL RESOURCES
-- DIVISION OF WATER RIGHTS**

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
JUNE 1, 1976

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SURVEYOR ENROUTE TO THE MT. BALDY ARIZONA SNOW COURSE
SCS PHOTO AZ-5460

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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In Cooperation with

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DIVISION OF WATER RIGHTS
UTAH STATE DEPT. OF NATURAL RESOURCES

|||||

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WATER SUPPLY OUTLOOK

as of
JUNE 1, 1976

* Utah's Water Supply Outlook ranges from poor to near average. *
* Snow cover is near the record low for June 1. Several reser- *
* voirs are already being drawn down for irrigation use and *
* storage is well below what it was this time last year. *

SNOW COVER

Only 18 of the 135 snow courses in Utah measured on June 1 still had snow and most of these courses were near the 10,000 foot level. As indicated by the snow pack accumulation chart, we are near the minimum snow pack recorded in the last 15 years for June 1, a startling contrast to the record June 1 snow pack of a year ago. Only two snow courses report above average snow: Steep Hollow #1 on the Logan River drainage is 104%, and Paradise Park on the Duchesne is 144%, but is affected by abnormal drifts due to logging near the course.

PRECIPITATION

Precipitation at mountain stations for May ranged from 3% of average at Tall Poles on the Parowan Creek drainage to 240% of average at Orange Olsen on the San Rafael River. Most stations report well below average catches for the month. Accumulative precipitation (October 1 to June 1) ranged from 61% of average at Dutchman Ranger Station on the American Fork River to 117% at Panguitch Lake on the Upper Sevier.

SOIL MOISTURE

The soil moisture was apparently well below average the last couple of months, because the near average snow pack generally failed to bring out the expected flows indicating that much of the snow melt went to replenishing mountain soils.

RESERVOIR STORAGE

Many Utah reservoirs were nearly full as of June 1 except Minersville, Moon Lake, Piute, and Sevier Bridge, but were being drawn down for irrigation use. Sevier Bridge Reservoir decreased 56 thousand acre feet in May for irrigation use. Piute and Gunnison were also being used heavily.

Utah Lake is 0.16 foot above compromise level and Great Salt Lake was 4202.25 feet above mean sea level and is now at its highest level since June 1, 1928.

STREAMFLOW

Below normal May precipitation at most mountain stations is expected to cause flows much lower than forecast on May 1 throughout the state. Streamflow forecasts dropped as much as 30% on the Upper Bear due to half average May precipitation at Stillwater Camp. Earlier forecasts anticipated near average spring precipitation which generally did not materialize and as a result,

WATER SUPPLY OUTLOOK (continued)

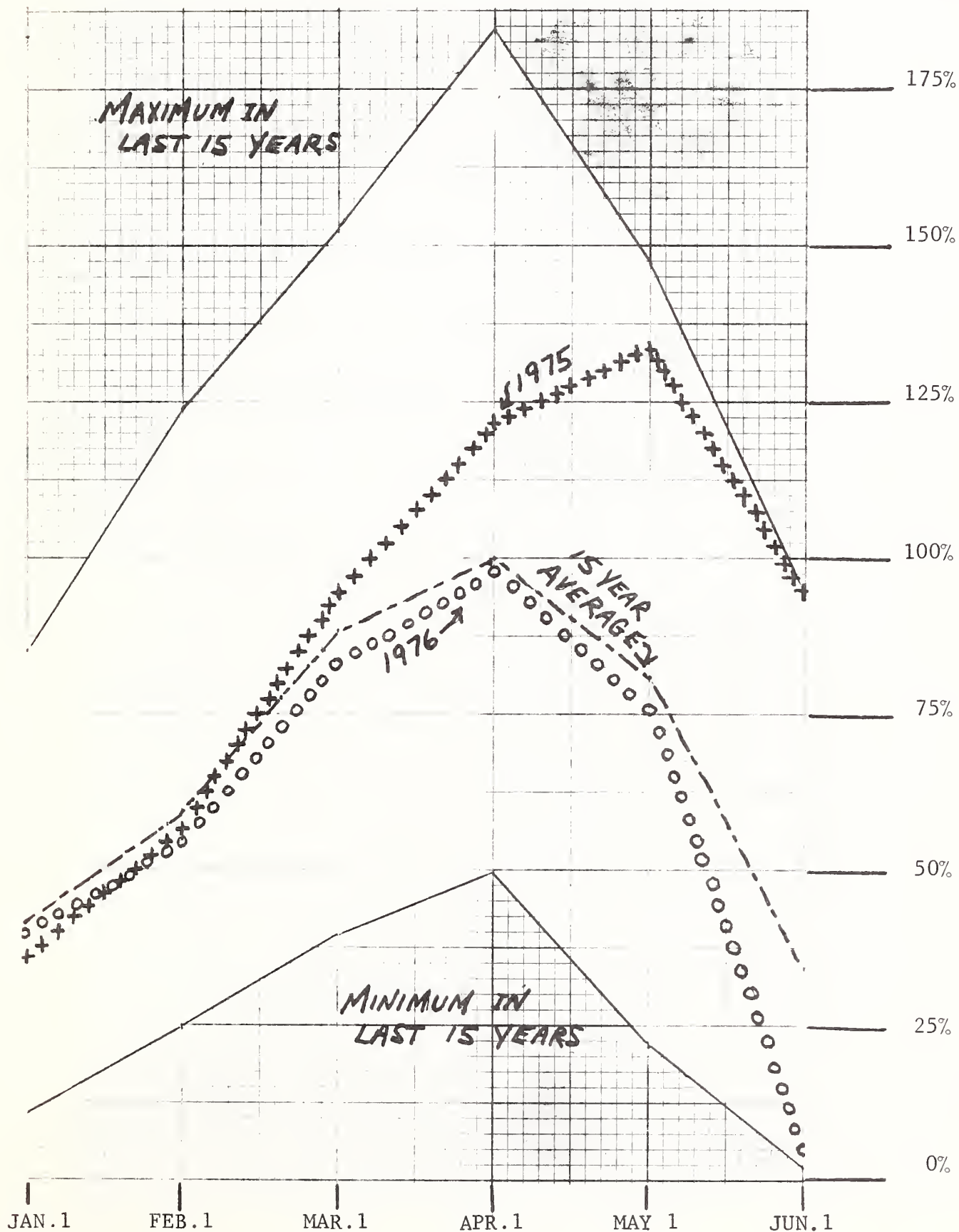
forecasts on the Weber-Ogden drainages dropped from 9 to 13%; Provo River-Utah Lake forecasts dropped from 1 to 10%; Lower Sevier forecasts dropped from 14 to 23%; and Price-San Rafael-Muddy River forecasts dropped from 5 to 15%. The already low forecasts on the Beaver River, Clear Creek, and Salina Creek dropped even further and a poor water supply is anticipated for the remainder of the irrigation season.

Streamflow during May ranged from 76% of average on the Beaver River to 114% of average on the Weber near Oakley, according to the U.S. Geological Survey. Measurements on seven key gaging stations was 92% of average as compared to 89% a year ago. The only difference is that last year record snow remained with much water coming out of the mountains in June and July, whereas this year the snow is gone and well below average flows for June and July are to be expected.

STATEWIDE SNOWPACK ACCUMULATION CHART

(Based on Fifty Key Snow Courses)

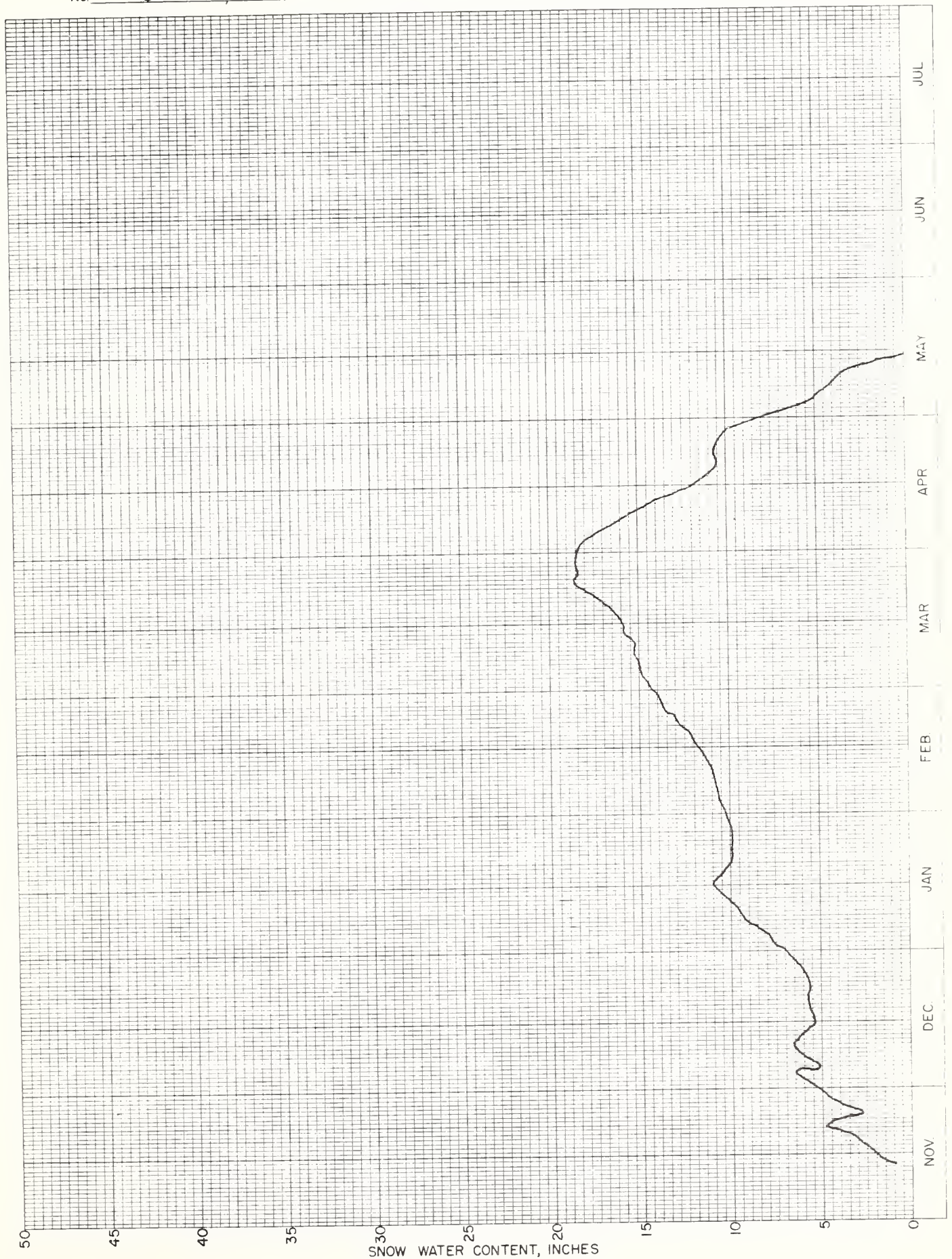
Percent of April 1
Average



PARLEY'S SUMMIT

SNOW PILLOW DATA
WATER YEAR 76

No. 11J15 Elev. 7,500 Drainage: Weber River



PICKLE KEG SPRINGS

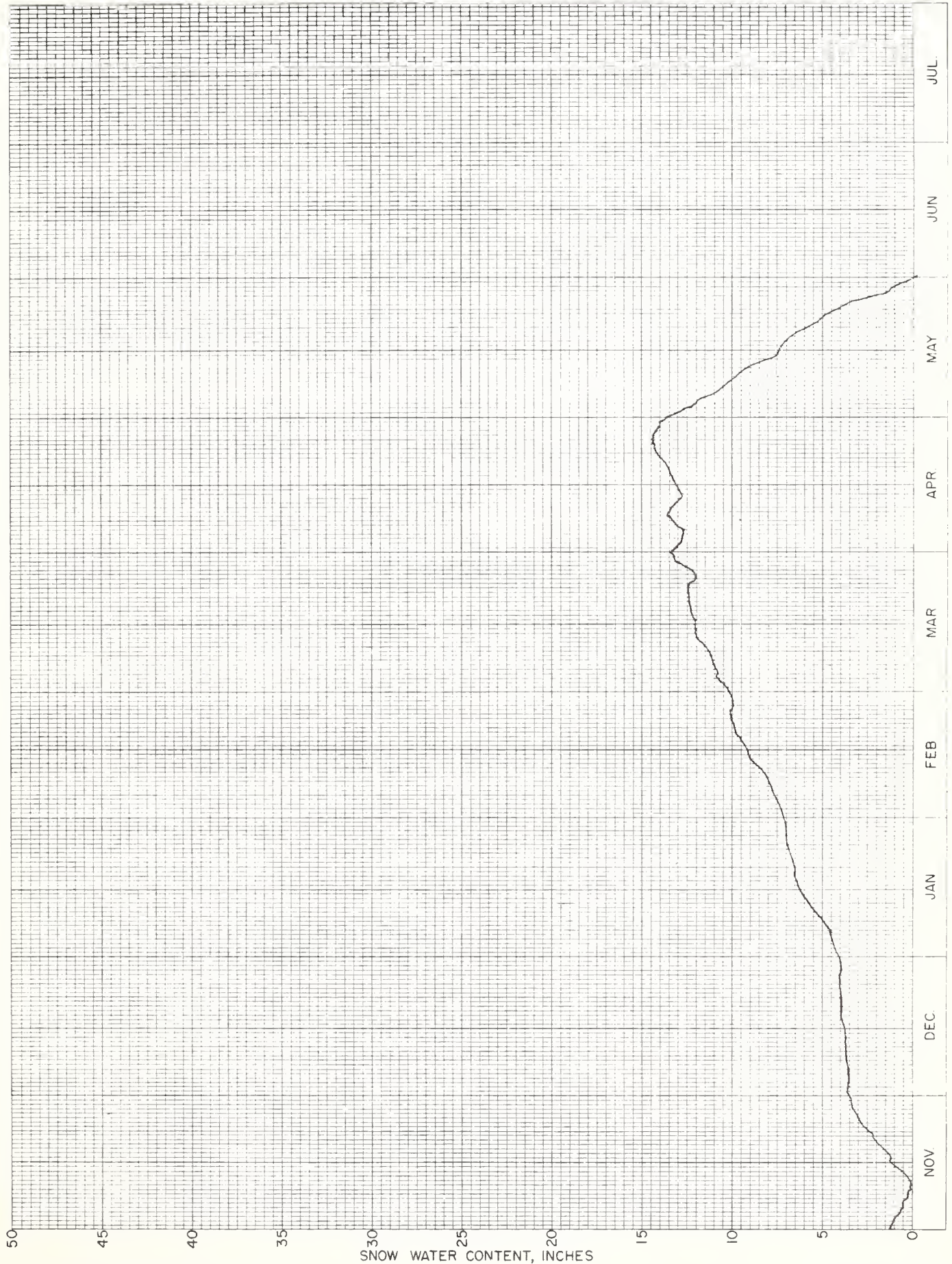
SNOW PILLOW DATA

WATER YEAR 76

No. 11K39

Elev. 9,600

Drainage: Lower Sevier River



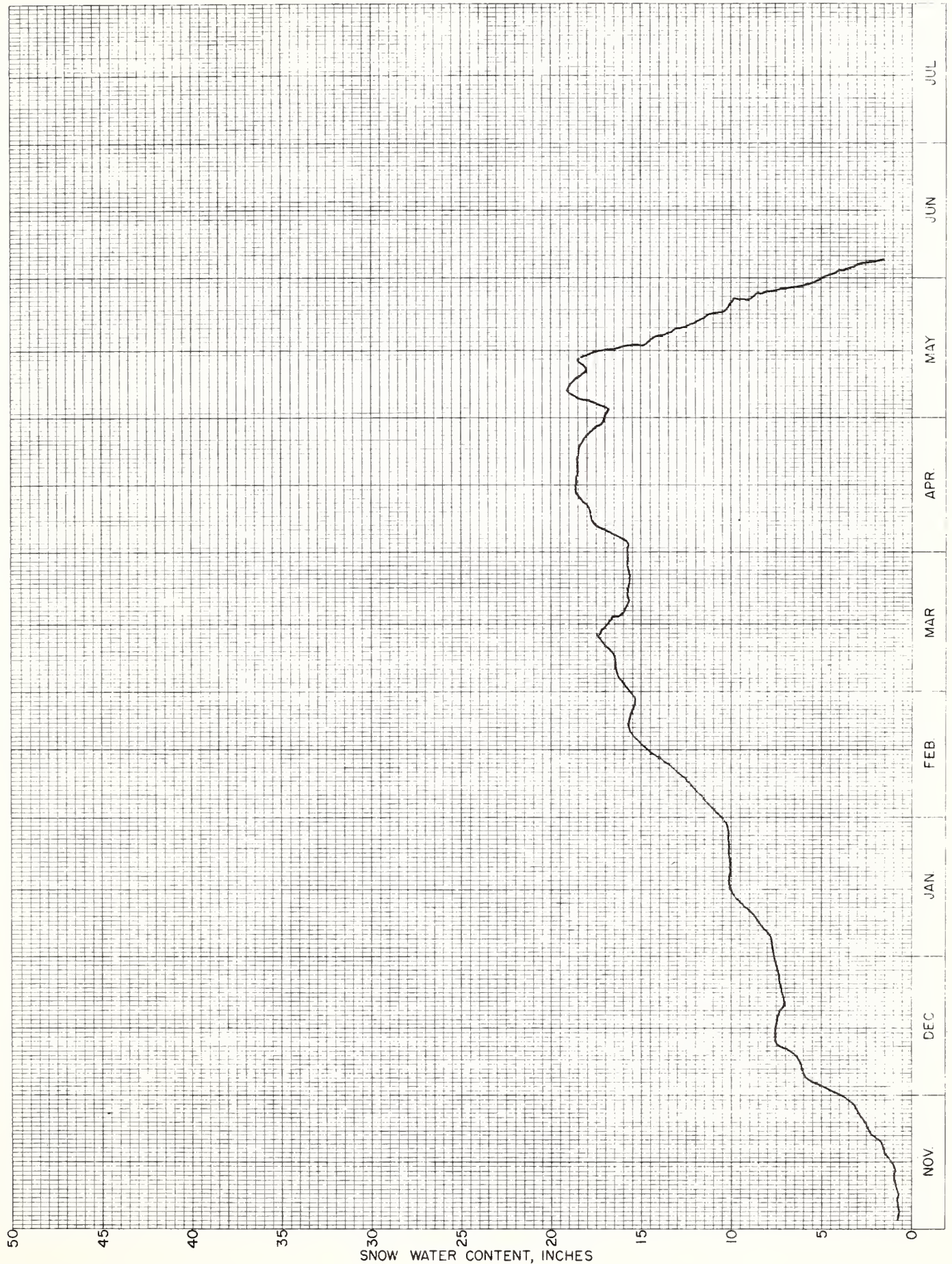
TRIAL LAKE

SNOW PILLOW DATA
WATER YEAR 76

No. 10J8

Elev. 9,800

Drainage: Provo River



SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	2 Years Ago	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
NAME											
GREAT BASIN					2 Years Ago						
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	5/26	0	0.0	0.0	0.0	5/26	1.69	2.32a	13.47	13.99a	96
Hayden Fork	5/26	0	0.0	16.3	17.0	5/26	1.23	3.88a	24.32	28.60a	85
Monte Cristo Ranger Station	5/26	5	2.2	26.9	6.0	5/26	1.10	2.27b	33.26	35.35b	94
Salt River Summit						5/28	1.00	1.45	24.00	20.64	116
Stillwater Camp	5/26	0	0.0	2.9	0.0	5/26	1.20	2.22	15.59	17.32	90
LOWER BEAR RIVER (Below Harer, Idaho)											
Franklin Basin*	5/26	11	4.7	31.2	- -						
Garden City Summit	5/26	0	0.0	10.0	0.0	5/26	1.45	1.88b	26.26	25.24b	104
Klondike Narrows*	5/26	0	0.0	13.7	0.0						
Little Bear (upper)	5/26	0	0.0	0.0	- -						
Little Bear (lower)*	5/26	0	0.0	0.0	- -						
Steep Hollow #1	5/26	45	23.3	48.2	29.9						
Steep Hollow #2	5/26	0	0.0	26.1	5.0						
Tony Grove Lake	5/26	22	10.2	- -	- -						
Tony Grove Ranger Station*	5/26	0	0.0	0.0	0.0						
Willow Flat						5/28	1.73	- -	31.13	- -	- -
OGDEN RIVER											
Beaver Creek-Skunk Creek	5/26	0	0.0	0.0	0.0						
Ben Lomond (lower)	5/26	0	0.0	2.3	0.0	5/26	1.55	2.86b	32.19	32.18b	100
Ben Lomond Peak*	5/26	0	0.0	52.3	4.9						
Causey Dam						5/26	0.74	1.59a	18.19	18.23a	100
Cutler Creek	5/26	0	0.0	36.0	0.0						
Dry Bread Pond	5/26	0	0.0	21.1	0.0	5/26	1.59	2.22b	28.67	27.38b	105
Sagebrush Flat	5/26	0	0.0	0.0	0.0	5/26	1.10	1.41b	18.25	18.29b	100
WEBER RIVER											
Beaver Creek Ranger Station	5/26	0	0.0	0.0	- -						
Chalk Creek #1	5/26	9	3.5	26.4	14.8						
Chalk Creek #2*	5/26	0	0.0	10.8	0.0						
Chalk Creek #3	5/26	0	0.0	0.0	0.0	5/26	1.44	2.17b	19.14	17.76b	108
Farmington Canyon (lower)	5/26	0	0.0	- -	1.0	5/26	1.58	- -	37.07	- -	- -
Farmington Canyon (upper)	5/26	0	0.0	48.6	1.0						
Farmington Guard Station						5/26	1.30	- -	31.04	- -	- -
Horse Ridge	5/26	0	0.0	18.5	0.0	5/26	1.50	2.21a	30.37a	32.87a	92
Kilfore Creek	5/26	0	0.0	0.9	- -						
Lost Creek Reservoir	5/26	0	0.0	0.0	- -	5/26	1.12	- -	12.63a	- -	- -
Parley's Canyon Summit	5/28	0	0.0	10.3	0.0	5/28	1.43	2.09	30.26	28.82	105
Redden Mine (lower)	5/26	0	0.0	17.5	0.0						
Redden Mine (upper)						5/26	1.36	2.56a	29.66	27.57a	108
Sargeant Lakes A	6/3	0	0.0	- -	- -						
Smith & Morehouse	5/26	0	0.0	5.3	0.0	5/26	1.56	2.18	23.54	24.21	97
PROVO RIVER & UTAH LAKE											
Camp Altamont	5/26	0	0.0	0.0	0.0						
Clear Creek Ridge #1	5/25	0	0.0	17.2	0.0						
Clear Creek Ridge #2	5/25	0	0.0	3.1	0.0	5/25	1.60	1.79	19.40	20.34	95
Clear Creek Ridge #3	5/25	0	0.0	0.0	0.0						
Dutchman Ranger Station	5/26	0	0.0	6.8	0.0	5/26	1.35	2.10	16.40	26.98	61
East Shingle Lake A	6/3	6	3.0	41.0	- -						
Hobble Creek Summit	5/26	0	0.0	0.0	0.0	5/25	1.15	1.91	19.50	21.62	90
Packard Canyon	5/26	0	0.0	0.0	0.0						
Payson Ranger Station	5/25	0	0.0	9.2	0.0	5/25	1.40	1.83	22.22	23.00	97
Rock Bridge	5/25	0	0.0	0.0	0.0						
Soapstone Ranger Station	5/26	0	0.0	2.9	0.0	5/26	1.72	1.71	20.77	20.64	101
South Fork Ranger Station	5/26	0	0.0	0.0	0.0						
Timpanogos Cave Camp	5/26	0	0.0	0.0	0.0						
Timpanogos Divide	5/26	0	0.0	20.6	0.0	5/26	2.00	- -	29.91	- -	- -
Trial Lake	5/26	30	13.4	31.0	21.6	5/26	1.59	2.54	28.49	29.98	95

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	2 Years Ago	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
JORDAN RIVER & SALT LAKE											
Beaver Creek Divide	5/26	0	0.0	5.5	- -						
Bevan's Cabin	5/25	0	0.0	0.0	- -						
Lamb's Canyon	5/28	0	0.0	2.2	0.0						
Lamb's Canyon #2	5/28	0	0.0	4.3	0.0	5/28	1.52	- -	23.37	- -	- -
Middle Canyon - Tooele	5/25	0	0.0	4.6	0.0	5/25	1.50	2.40b	24.57	23.21b	106
Mill Creek	5/27	0	0.0	23.0	- -						
Mill D South Fork	5/27	0	0.0	16.5	0.0						
Rocky Basin-Settlement Cyn	5/23	17	7.8	- -	- -	5/23	2.78	- -	- -	- -	- -
Silver Lake (Brighton)	5/27	0	0.0	35.8	0.0						
Vernon Creek	5/25	0	0.0	0.0	0.0	5/25	0.70	- -	18.86	- -	- -
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	6/1	0	0.0	- -	- -	6/1	1.77	- -	18.22	- -	- -
Castle Valley	5/27	0	0.0	0.0	0.0	5/27	0.50	1.47	16.54	18.99	87
Duck Creek Ranger Station	5/27	0	0.0	0.0	0.0	5/27	0.65	1.71	20.20a	22.08	91
Harris Flat	5/27	0	0.0	- -	- -						
Kimberly Mine	5/27	0	0.0	11.6	0.0	5/27	0.85	2.17	23.82	23.18	103
Midway Valley	5/27	0	0.0	22.9	0.0	5/27	0.80	- -	23.20	- -	- -
Panguitch Lake	5/27	0	0.0	0.0	0.0	5/27	0.30	0.88	10.89	9.29	117
Squaw Springs	6/2	0	0.0	- -	- -						
Widtsoe Escalante Summit	5/21	0	0.0	- -	- -						
Widtsoe Escalante #2	5/21	1	0.4	1.5	- -						
Widtsoe Escalante #3	5/21	2	0.6	0.6	0.0	5/21	2.37	1.66	18.23	17.10	107
Widtsoe Ranger Station						5/21	1.42	- -	7.25	- -	- -
LOWER SEVIER RIVER (Including San Pitch)											
Beaver Dams	5/28	0	0.0	0.0	0.0	5/28	1.35	2.14	14.95	18.22	82
Farnsworth Lake		Not Measured		24.5	- -			2.79		26.22	
G.B.R.C. Headquarters	6/2	0	0.0	13.9	0.0	6/2	1.60	2.30	21.67	23.90	91
G.B.R.C. Majors						6/2	0.80	1.50	11.37	13.50	84
G.B.R.C. Meadows	6/2	0	0.0	30.1	7.3	6/2	2.22	2.60	25.01	29.80	84
G.B.R.C. Oaks						6/2	1.00	1.60	14.37	16.20	89
Gooseberry Ranger Station		Not Measured									
Mammoth R.S.-Cottonwood Crk	5/26	0	0.0	19.3	0.0	5/26	1.35	2.00b	22.85	24.19b	94
Mt. Baldy Ranger Station	5/28	0	0.0	26.6	13.1	5/28	1.90	2.67b	18.50	23.51b	79
Oak Creek	6/2	0	0.0	0.0	0.0	6/2	1.78	1.72a	20.78	19.05a	109
Pickle Keg Springs		Not Measured									
Pine Creek	6/2	0	0.0	10.3	0.0	6/2	0.70	3.00	29.19	30.70	95
Shingle Mill	6/2	0	0.0	0.0	0.0	6/2	0.70	2.06b	18.77	19.33b	97
BEAVER RIVER											
Beaver Canyon Power House						5/31	0.74	1.37	9.75	12.37	79
Beaver Race Track	5/27	0	0.0	- -	- -						
Big Flat	5/28	13	4.4	18.0	4.9	5/28	1.45	2.79b	17.54	22.52b	79
Merchant Valley Upper	5/28	0	0.0	0.0	0.0	5/28	1.10	2.35a	16.09	19.36a	83
Otter Lake	5/28	0	0.0	9.1	- -						
PAROWAN CREEK											
Birch Crossing	5/26	0	0.0	- -	- -						
Brian Head	5/27	0	0.0	14.9	0.0						
Ed Ward Flat	5/26	0	0.0	- -	- -						
Tall Poles	5/26	0	0.0	4.8	0.0	5/26	0.05	1.67a	17.90	23.77a	75
Yankee Reservoir	5/26	0	0.0	0.0	0.0	5/26	0.30	1.43	14.80	14.77	100
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	5/28	0	0.0	0.0	0.0	5/26	1.70	0.88	15.55	15.61	99
Long Flat		Not Measured									
COAL CREEK											
SUSC Ranch	5/27	0	0.0	- -	- -						

SNOW

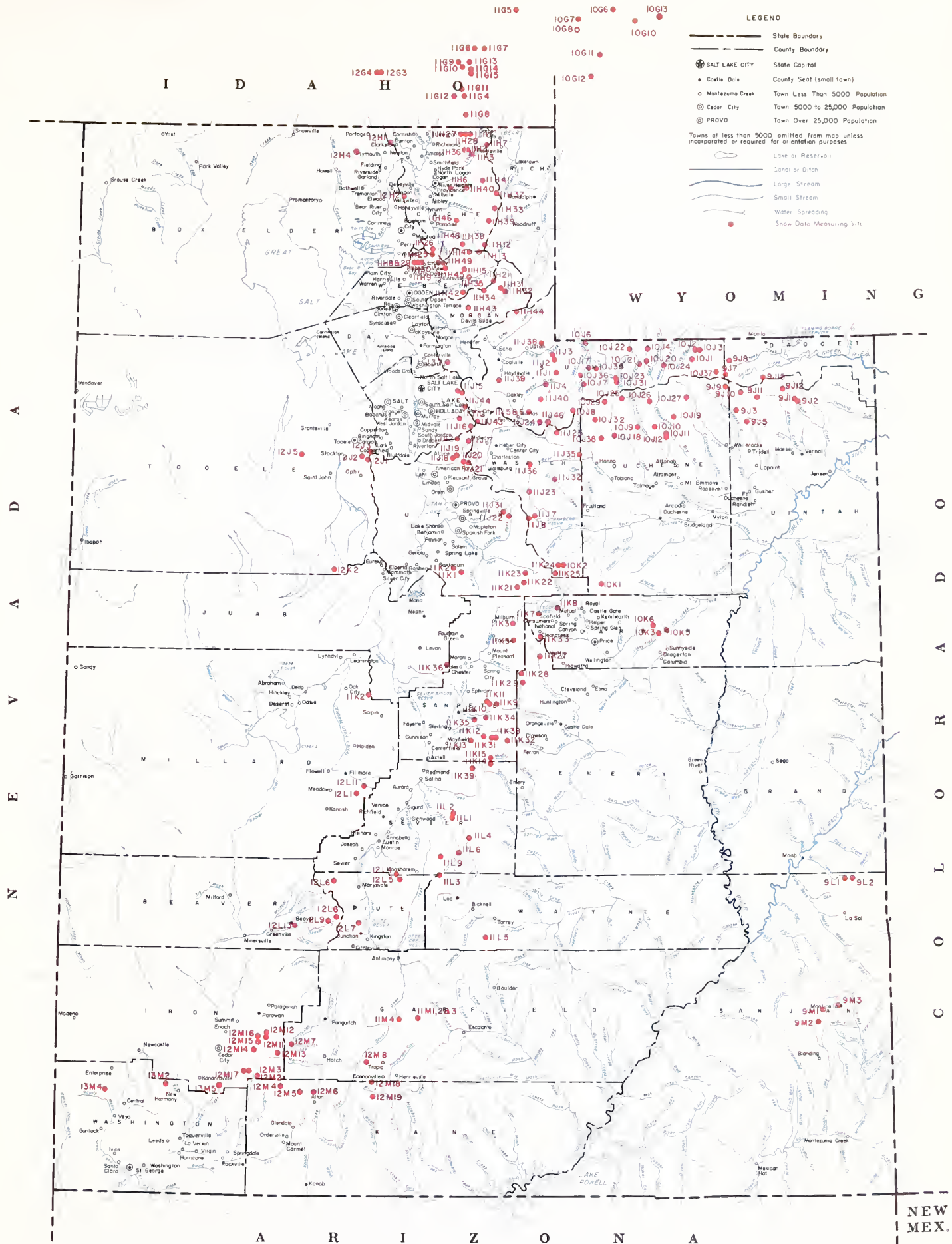
SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)						
	DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
					Last Year		Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
	NAME											
COLORADO RIVER BASIN												
UPPER GREEN RIVER - UTAH												
	Ashley Twin Lakes A	6/3	4	2.0	- -	- -						
	Black's Fork Junction	5/26	0	0.0	3.8	0.0	5/26	1.46	2.35b	14.99	16.82b	89
	Black's Fork G.S.-East Fork	5/26	0	0.0	6.6	0.0	5/26	1.51	2.44b	14.63	17.55b	83
	Buck Pasture A	5/26	0	0.0	16.8	- -	5/26	- -	- -	20.87	- -	- -
	Burnt Creek	5/22	0	0.0	3.9	0.0	5/22	2.06	2.84	13.61	14.91	91
	Grizzly Ridge	5/22	0	0.0	9.3	0.0	5/22	2.21	2.64b	19.71	19.33b	102
	Henry's Fork A	6/3	0	0.0	- -	- -						
	Hewinta Guard Station	5/26	0	0.0	6.6	0.0	5/26	2.06	2.51b	16.98	18.40b	92
	Hickerson Park	5/26	0	0.0	- -	- -	5/26	3.44	- -	14.76	- -	- -
	Highline Trail	5/26	37	13.1	- -	- -	5/26	2.44	- -	- -	- -	- -
	King's Cabin (upper)	5/22	0	0.0	5.9	0.0	5/22	2.02	2.60	17.72	16.81	105
	King's Cabin (lower)	5/22	0	0.0	3.2	- -						
	Reynolds Park A	6/3	2	1.0	- -	- -						
	Spirit Lake	5/26	20	7.2	- -	- -	5/26	3.23	- -	18.87	- -	- -
	Steel Creek Park	5/26	29	9.6	21.5	- -						
	Windy Park A	6/3	0	0.0	- -	- -						
DUCHESNE RIVER												
	Atwood Basin A	6/3	0	0.0	- -	- -						
	Brown Duck Ridge	5/26	25	9.6	23.7	- -	5/26	2.73	- -	19.71a	- -	- -
	Chepeta-Whiterocks Lakes A	6/3	0	0.0	- -	- -						
	Currant Creek	5/24	0	0.0	0.0	0.0	5/24	1.10	1.34b	16.93	17.24b	98
	Daniels-Strawberry Summit	5/24	0	0.0	2.6	0.0	5/24	1.11	1.64	21.36	22.17	96
	East Portal						5/28	1.20	2.25b	19.99	- -	- -
	Five Point Lake A	6/3	6	3.0	- -	- -						
	Indian Canyon	5/25	0	0.0	7.2	0.0	5/25	1.51	1.71b	17.21	17.37	99
	Jackson Park	5/26	26	9.8	16.9	- -	5/26	3.31	- -	- -	- -	- -
	Lake Basin	5/26	52	23.3	41.3	- -	5/26	2.01	- -	20.56	- -	- -
	Lakefork Basin A	6/3	20	10.0	- -	- -						
	Lakefork Mountain	5/26	2	0.8	11.4	0.0	5/26	2.55	2.26	18.10	17.49	103
	Lakefork Mountain #2	5/26	0	0.0	0.0	0.0						
	Lakefork Mountain #3	5/26	0	0.0	0.0	0.0						
	Lightning Lake A	6/3	12	6.0	- -	- -						
	Mosby Mountain	5/26	7	2.2	9.2	0.0	5/26	2.30	2.65a	17.77	15.91a	112
	Paradise Park	5/26	22	8.2	13.6	0.0	5/26	2.97	2.50	21.96	20.56	107
	Rock Creek Ranch	5/26	0	0.0	0.0	0.0	5/26	1.92	1.59	15.77	14.79	107
	Strawberry Divide	5/28	0	0.0	- -	- -						
	Trout Creek	5/22	0	0.0	9.1	- -	5/25	2.29	- -	19.40	- -	- -
PRICE RIVER												
	Dry Valley Divide	5/26	0	0.0	- -	- -						
	Gooseberry Reservoir	5/26	0	0.0	18.7	0.0	5/26	1.05	2.04	21.75	23.62	92
	Jones Ranch	5/26	0	0.0	- -	- -						
	Mud Creek #2	5/26	0	0.0	0.0	0.0	5/26	2.30	1.66	16.85	18.56	91
	White River #1	5/26	0	0.0	6.0	0.0	5/26	1.60	1.41	17.00	18.30	93
	White River #2	5/26	0	0.0	- -	- -						
	White River #3	5/26	0	0.0	- -	- -						
SAN RAFAEL RIVER												
	Buck Flat	5/28	0	0.0	13.2	0.0	5/28	1.70	2.15	17.65	22.43	79
	Orange Olsen	5/27	0	0.0	0.0	0.0	5/27	1.90	0.79a	7.30	10.85a	67
	Red Pine Ridge	5/27	0	0.0	- -	- -	5/27	2.10	- -	21.80	- -	- -
	Rush Pond	5/27	0	0.0	9.1	- -						
	Seeley Creek	5/27	0	0.0	- -	- -						
	Stuart Ranger Station	5/27	0	0.0	0.0	0.0	5/27	2.00	1.40b	13.80	15.72b	88
	Stuart Ranger Station (New)	5/27	0	0.0	- -	- -	5/27	1.90	- -	12.90	- -	- -
	Upper Joe's Valley	5/27	0	0.0	- -	- -						
	Wrigley Creek	5/27	0	0.0	- -	- -						
MUDDY RIVER												
	Black's Fork		Not Measured									
	Dill's Camp		Not Measured									

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
FREMONT RIVER											
Black's Flat-U.M. Creek	6/1	0	0.0	4.0	0.0	6/1	2.12	1.81	15.96	16.28	98
Fish Lake	6/1	0	0.0	0.0	0.0	6/1	2.43	1.40b	12.77	12.48b	102
MILL CREEK											
LaSal Mountain (upper)	5/27	0	0.0	3.2	0.0	5/27	3.09	2.31b	19.37	20.57b	94
LaSal Mountain (lower)	5/27	0	0.0	0.0	0.0						
SAN JUAN RIVER											
Buckboard Flat	5/26	0	0.0	0.0	0.0	5/26	2.96	1.73	22.98	22.26	103
Camp Jackson	5/28	0	0.0	0.0	0.0	5/28	2.52	1.33b	21.16	19.28b	110
Monticello City Park	5/28	0	0.0	0.0	0.0						
VIRGIN RIVER											
Kolob Crystal**	5/27	0	0.0	18.2	- -	5/27	0.50	- -	- -	- -	- -
Long Valley Junction	5/27	0	0.0	0.0	0.0						
Webster Flat	5/27	0	0.0	9.1	0.0	5/27	0.40	1.90b	25.08	24.98	100
a - Partly Estimated b - Average of all past record - less than 15 years + - 1958-72 Average * - USU-SCS Cooperative Radio Reading ** - SCS Radio Reading A - Aerial Marker Reading											
ADDITIONS AND CORRECTIONS TO PREVIOUSLY PUBLISHED 1976 DATA											
JANUARY 1, 1976											
Castle Valley						12/29	- -	- -	4.31	4.68	92
East Portal						12/29	1.21	- -	8.37	8.92	94
Gooseberry Ranger Station						12/24	- -	- -	5.30	7.99	66
Hobble Creek Summit						1/7	- -	- -	8.50	- -	- -
Lake Basin						1/2	- -	- -	7.40	- -	- -
Mammoth R.S.-Cottonwood Crk						12/29	- -	- -	9.05	8.09b	119
Widtsøe Ranger Station						12/24	0.80	- -	1.54	2.91	54
FEBRUARY 1, 1976											
Gooseberry Reservoir						1/29	2.60	3.07	11.40	11.06	103
Mammoth R.S.-Cottonwood Crk						1/29	2.75	3.50b	11.80	11.59b	102
Payson Ranger Station						1/27	1.70	- -	12.75	- -	- -
Tall Poles						1/28	1.20	5.76a	7.00	12.22a	57
MARCH 1, 1976											
Paradise Park	2/26	42	11.3	10.3	10.1						
Widtsøe Escalante #3						2/24	4.10	2.53	8.73	10.37	84
APRIL 1, 1976											
Cutler Creek	4/1	Not Measured - Delete Data									
Yankee Reservoir	3/30	41	10.6	9.8	9.2						
MAY 1, 1976											
Hobble Creek Summit	4/29	10	4.2	16.6	5.7						
LATE INFORMATION - USU-SCS PRECIPITATION STATIONS											
Deer Springs						6/1	3.90	- -	33.00	- -	- -
Francis Canyon						6/1	2.30	- -	- -	- -	- -
Guilders Peak						6/1	3.20	- -	24.80	- -	- -
Magpie Flat						6/1	2.60	- -	27.60	- -	- -
Paradise Canyon						6/1	3.20	- -	31.80	- -	- -
Providence Traps						6/1	2.80	- -	34.90	- -	- -
Tony Grove Lake						6/1	2.60	- -	- -	- -	- -
Tony Grove Ranger Station						6/1	2.50	- -	- -	- -	- -



USGS National Atlas 1:1,000,000 Albers Equal-Area projection (1967) used as source for base map and adapted for SCS use.



GREAT BASIN DRAINAGE

UPPER BEAR RIVER (above Harer, Idaho)														
10G11	W	27N	107W	8,700	11J18P	U	27	45	2E	5,500	10J31P	U	Takevorno Peak	
10J6P	W	29N	118W	7,500	11J21P	U	33	45	3E	8,140	9J12op	U	Windy Park	
10J36p	W	11N	9E	10,000	10J8P	U	3	25	9E	9,800				
10G12	U	26N	118W	9,200										
10G15p	W	30N	116W	8,000	11J46Sp	U	25	25	7E	8,000	10J27Sp	U	Atwood Basin	
10J35p	W	20E	10E	9,300	12J2	U	24	43	4W	6,450	10J9p	U	Brown Duck Ridge	
10J12P	W	29N	114W	8,800	11J41P	U	21	15	3E	7,400	11J32MP	U	Chepeta-Whiterocks Lakes	
10G6	W	29N	114W	8,500	12J3p	U	8	45	3W	7,000	11J23MP	U	Current Creek	
10G8P	W	32	29N	115W	7,900	11J44	U	32	15	3E	6,500	10J2p	U	Daniels-Shawberry Summit
10G13MP	W	29N	115W	8,400	11J10	U	18	25	3E	7,400	10K1P	U	Five Point Lake	
10J17P	U	22N	10E	8,550	11J16P	U	30	45	3W	8,900	10J19P	U	Golden Canyon	
					12K2P	U	35	25	3E	8,725	10J38P	U	Lake Basin	
							18	35	3E	10,000	10J10P	U	Lakefork Mountain #2	
							21	105	5W	7,500	10J11	U	Lakefork Mountain #3	
UPPER SEVIER RIVER (South of Richfield, Utah)														
					12L4P	U	33	265	2W	9,800	10J29p	U	Lightning Lake	
					12M6P	U	36	365	4W	8,000	9J5p	U	Moby Mountain	
					12M4P	U	31	385	8W	8,700	10J18P	U	Paradise Park	
					12M18	U	32	375	4W	8,200	10J32P	U	Shadow Lake	
					12M5	U	24	385	7W	7,700	11J8PS	U	Strawberry Divide	
					11L9P	U	36	255	1E	11,400	11J35P	U	West Fork of the Duchesne	
					12L6P	U	21	275	5W	9,300				
					12M2M	U	16	375	9W	9,800				
					12M7P	U	26	365	7W	8,200				
					12M19	U	29	385	4W	9,100				
					12K5	U	22	375	2W	7,300				
					11M4P	U	22	345	2W	7,600				
LOWER SEVIER RIVER (Including San Pitch River)														
					11K13P	U	27	195	3E	8,000				
					11K1P	U	27	33	125	4E	8,700			
					11K11P	U	26 & 27	175	4E	8,700				
					11K10	U	26 & 27	175	4E	10,000				
					11L2P	U	22	235	2E	8,400				
					11K3MP	U	13	135	5E	8,800				
					11K34	U	16	185	4E	9,600				
					11K12P	U	19	195	4E	9,500				
					11K29P	U	9	175	3W	7,760				
					11K3PS	U	4	215	3E	9,600				
					11K36	U	24	165	2E	9,200				
					12L1P	U	25	225	3W	6,200				
					11K35	U	23	185	3E	8,500				
BEAVER RIVER														
					12L13	U	23	295	7W	6,020				
					12L7PS	U	18	295	4W	10,290				
					12L9PS	U	8 & 9	295	5W	8,200				
					12L8	U	1	295	5W	9,300				
PAROWAN CREEK														
					12M16	U	23	355	9W	8,100				
					12M14	U	10	365	9W	10,000				
					12M12	U	17	355	9W	8,300				
					12M13P	U	26 & 35	355	9W	8,800				
					12M11P	U	20	355	8W	8,700				
ENTERPRISE TO NEW HARMONY DRAINAGES														
					13M4MP	U	15	385	17W	6,100				
					13M2MP	U	2	385	14W	8,000				
COAL CREEK														
					12M17	U	18	375	9W	8,200				
SUSC Ranch														
UPPER GREEN RIVER IN UTAH (above Duchesne River)														
					9J11p	U	20	15	19E	10,500				
					10J11P	U	23	2N	12E	9,300				
					10J22P	U	33	3N	17E	8,925				
					10J25p	U	14	1N	11E	9,700				
					9J13P	U	4	1N	20E	7,900				
					9J14P	U	8	15	22E	8,500				
					10J24ap	U	29	2N	14E	10,000				
					10J4P	U	33	3N	13E	9,500				
					9J8P	U	24	2N	17E	9,100				
					9J15p	U	23	1N	15E	9,250				
					10J13P	U	32	2N	15E	9,250				
					9J12P	U	32	3N	16E	8,300				
					9J2	U	23 & 26	15	21E	8,600				
					9J1P	U	22	15	21E	8,730				
					10J37P	U	31	1N	17E	10,680				
					10J2	U	3	3N	16E	8,550				
					10J10p	U	9	15	18E	10,400				
					9J7P	U	10	1N	17E	9,300				
					10J20p	U	17	2N	13E	9,700				
PROVO RIVER & UTAH LAKE														
					11J20	U	45							
					11K21	U	18	11S	6E	9,200				
					11K22P	U	1	11S	6E	8,000				
					11K23P	U	27	15S	9E	9,600				
					11J27P	U	27	5S	9E	9,600				
					11J22P	U	27	7S	5E	7,700				
					11J36P	U	36	45	6E	9,100				
					11J31P	U	21	75	5E	6,400				
					11J31P	U	21	75	5E	6,400				
					11K1P	U	30	105	3E	8,050				
					11K2	U	14	105	2E	6,750				
					11J25P	U	3	3S	8E	7,800				
					11J19	U	24	45	2E	6,100				
LEGEND														
					10J7P								Snow Course Only	
					10J8P								Snow Course and Precipitation Gage	
					10J9A								Snow Course and Aerial Hiker	
					10J10A								Snow Course and Aerial Hiker	
					10J11A								Snow Course and Aerial Hiker	
					10J12A								Snow Course and Aerial Hiker	
					10J13A								Snow Course and Aerial Hiker	
					10J14A								Snow Course and Aerial Hiker	
					10J15A								Snow Course and Aerial Hiker	
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					10J66A								Snow Course and Aerial Hiker	
					10J67A								Snow Course and Aerial Hiker	
					10J68A								Snow Course and Aerial Hiker	
					10J69A									

10J7P Storage Precipitation Gage Only.
10J7PS Snow Course. Precipitation Gage. Snow Pillow and Temperature.

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
Soil Conservation Service
Forest Service
U.S. Department of Commerce
NOAA, National Weather Service
U.S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

STATE AGENCIES

Utah State University
Utah Fish and Game Department
Utah State Department of Natural
Resources, Division of Water Rights
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti
Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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with the Snow Survey"*